

RULE 63 (37 C.F.R. 1.63)
DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

LIQUID CRYSTAL DISPLAY DEVICE

the specification of which (check applicable box(s)):

☒ is attached hereto
☐ was filed on _____ as U.S. Application Serial No. _____ (Atty Dkt. No. _____)
☐ was filed as PCT International application No. _____ on _____
 and (if applicable to U.S. or PCT application) was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:
 Priority Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
2000-244648	JAPAN	11/08/2000
2001-131142	JAPAN	27/04/2001
2001-155928	JAPAN	24/05/2001
2001-219632	JAPAN	19/07/2001

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed

Thereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S./PCT Application(s): Application Serial No.	Day/Month/Year Filed	Status: patented pending, abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint

NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 22201-4714,
telephone number (703) 816-4000 (to whom all communications are to be directed),

and the following attorneys thereof (of the same address) individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent:

Arthur R. Crawford, 25327; Larry S. Nixon, 25640; Robert A. Vanderhye, 27076; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffrey H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366; Thomas E. Byrne, 32205; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329

I also authorize Nixon & Vanderhye to delete any attorney names/numbers no longer with the firm and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

S01-174US1

RULE 63 (37 C.F.R. 1.63)
DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Nixon & Vanderhye P.C. (12/95)

Page 2

1. Inventor's Signature: Masumi Kubo Date: August 6, 2001
Inventor: Masumi KUBO
(first) (last)
Residence: (city) Nara (state/country) Japan
Post Office Address: 5-7-1, Kitayamato, Ikoma-shi, Nara, Japan
(Zip Code) 630-0121
2. Inventor's Signature: Akihiro Yamamoto Date: August 6, 2001
Inventor: Akihiro YAMAMOTO
(first) (last)
Residence: (city) Nara (state/country) Japan
Post Office Address: 6-5-201, Minamidaikumachi, Yamatokooriyama-shi, Nara, Japan
(Zip Code) 639-1145
3. Inventor's Signature: Takashi Ochi Date: August 6, 2001
Inventor: Takashi OCHI
(first) (last)
Residence: (city) Nara (state/country) Japan
Post Office Address: 417, Raporu Tenri, 2613-1, Ichinomoto-cho, Tenri-shi, Nara, Japan
(Zip Code) 632-0004
4. Inventor's Signature: Tetsuhiro Yamaguchi Date: August 6, 2001
Inventor: Tetsuhiro YAMAGUCHI
(first) (last)
Residence: (city) Mie (state/country) Japan
Post Office Address: 1255, Raporu Taki, 1141-9, Oaza Gosana,, Taki-cho, Taki-gun, Mie, Japan
(Zip Code) 519-2157
5. Inventor's Signature: Naoshi Yamada Date: August 6, 2001
Inventor: Naoshi YAMADA
(first) (last)
Residence: (city) Mie (state/country) Japan
Post Office Address: 1402, Raporu Taki, 1141-9, Oaza Gosana, Taki-cho, Taki-gun, Mie, Japan
(Zip Code) 519-2157
6. Inventor's Signature: Katsuhiko Morishita Date: August 6, 2001
Inventor: Katsuhiko MORISHITA
(first) (last)
Residence: (city) Mie (state/country) Japan
Post Office Address: 1347, Raporu Taki, 1141-9, Oaza Gosana, Taki-cho, Taki-gun, Mie, Japan
(Zip Code) 519-2157
7. Inventor's Signature: Kiyoshi Ogishima Date: August 6, 2001
Inventor: Kiyoshi OGISHIMA
(first) (last)
Residence: (city) Mie (state/country) Japan
Post Office Address: 2525, Raporu Taki, 1141-9, Oaza Gosana, Taki-cho, Taki-gun, Mie, Japan
(Zip Code) 519-2157

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.

S01-174US1-DE7

RULE 63 (37 C.F.R. 1.63)
DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

LIQUID CRYSTAL DISPLAY DEVICE

the specification of which (**check applicable box(s)**):

☒ is attached hereto
☐ was filed on _____ as U.S. Application Serial No. _____ (Atty Dkt. No. _____)
☐ was filed as PCT International application No. _____ on _____
 and (if applicable to U.S. or PCT application) was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R.

1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
2000 -244648	JAPAN	11/08/2000
2001 -131142	JAPAN	27/04/2001
2001 -155928	JAPAN	24/05/2001
2001 -219632	JAPAN	19/07/2001

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S./PCT Application(s):

Application Serial No.	Day/Month/Year Filed	Status: patented pending, abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint

NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 22201-4714,
telephone number (703) 816-4000 (to whom all communications are to be directed),

and the following attorneys thereof (of the same address) individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent:

Arthur R. Crawford, 25327; Larry S. Nixon, 25640; Robert A. Vanderhye, 27076; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffrey H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnham, Jr. 29366; Thomas E. Byrne, 32205; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329

I also authorize Nixon & Vanderhye to delete any attorney names/numbers no longer with the firm and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

RULE 63 (37 C.F.R. 1.63)
DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Nixon & Vanderhye P.C. (12/95)

Page 2

1. Inventor's Signature: Kazuhiro Maekawa Date: August 6, 2001
Inventor: Kazuhiro MAEKAWA
(first) MI (last)
Residence: (city) Chiba (state/country) Japan
Post Office Address: 5-17-32, Tokiwadaira, Matsudo-shi, Chiba, Japan
(Zip Code) 270-2261

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.

090244 090244 090244